

ENGLISH TRANSLATION OF ANNEXES  
TO THE IPER

ES1904(Amended)

10/549892

Claims:

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1 1. (amended) A method of preventing virus infection by detecting  
2 the virus infection in a network, comprising steps of:  
3       obtaining communication information when a virus  
4 intrudes;

5       detecting a virus source computer based on the  
6 communication information obtained;

7       sending a message announcing an antivirus attack on the  
8 virus source computer; and

9       making the antivirus attack on the virus source computer.

1 2. (amended) A method of preventing virus infection according to  
2 Claim 1, wherein:

3       a decoy accessible through the network is provided to a  
4 computer that monitors intrusion of a virus, for receiving access  
5 to said decoy to obtain communication information and to detect  
6 virus intrusion; and

7       said decoy is one or more of a decoy folder stored in a  
8 storage unit, a decoy application stored in the storage unit, and a  
9 server formed virtually in the storage unit.

1 3.       A method of preventing virus infection according to Claim  
2 1, wherein:

3       said attack is made by imposing a high load on the virus  
4 source computer.

1 4.       A method of preventing virus infection according to Claim

2       3, wherein:

3                 said high load is imposed on the virus source computer by  
4         increasing traffic of said computer.

1       5.       A method of preventing virus infection according to Claim  
2       3, wherein:

3                 said high load is imposed on the virus source computer by  
4         sending a large number of requests to which a CPU of said  
5         computer should respond.

1       6. (amended) A system for preventing virus infection by detecting  
2       the virus infection in a network, comprising:

3                 a communication information analysis means that detects  
4         intrusion of a virus, and then on detecting virus intrusion, detects  
5         a virus source computer based on communication information  
6         obtained when the virus intrudes;

7                 a computer attack means that makes an antivirus attack  
8         on the virus source computer through the network, for  
9         suppressing operation of the virus; and

10          a message sending means that sends a message for  
11         announcing a start of the attack, to the infected computer.

1       7. (amended) A system for preventing virus infection according to  
2       Claim 6, wherein:

3                 said system further comprises a decoy means accessible  
4         through the network; and

5                 said communication information analysis means detects  
6         virus intrusion into said decoy means, and on detection of the

7   virus intrusion, detects a virus source computer, based on the  
8   communication information obtained when the virus intrudes.

1   8.       A system for preventing virus infection according to Claim  
2   6, wherein:

3            said computer attack means imposes a high load on the  
4   virus source computer.

1   9. (amended) A system for preventing virus infection according to  
2   Claim 8, wherein:

3            said computer attack means imposes the high load on the  
4   virus source computer by increasing traffic of said computer.

1   10.      A system for preventing virus infection according to Claim  
2   8, wherein:

3            said computer attack means imposes the high load on the  
4   virus source computer by sending a large number of requests to  
5   which a CPU of said computer should respond.

1   11. (amended) A system for preventing virus infection according to  
2   one of Claims 6, 7, 8, 9 and 10, wherein:

3            said system further comprises a detection report  
4   transmission means that sends a detection report to an  
5   administrator of the virus source computer; and

6            said computer attack means continues to make the  
7   antivirus attack on the virus source computer until a  
8   countermeasure against the virus has been completed.

1    12.    A system for preventing virus infection according to Claim  
2    6, wherein:

3                said decoy means is a decoy folder realized by an  
4    application provided in a decoy server that is formed virtually in  
5    a storage unit of a computer connected to the network.

1    13.    A system for preventing virus infection according to Claim  
2    6, wherein:

3                said decoy means is a decoy application realized as an  
4    application provided in a decoy server that is formed virtually in  
5    a storage unit of a computer connected to the network.

1    14. (deleted)

1    15. (amended) A system for preventing virus infection according to  
2    one of Claims 6, 7, 8, 9 and 10, further comprising:

3                an alarm sound generation means that generates an alarm  
4    sound in a attacking terminal unit at a start of the attack or after  
5    the start of the attack.

1    16. (amended) A system for preventing virus infection according to  
2    one of Claims 6, 7, 8, 9 and 10, further comprising:

3                a requesting means that notifies a network address of the  
4    virus source computer to another computer connected to the  
5    network and requests to said computer for making an antivirus  
6    attack on the virus source computer.

1    17.    A system for preventing virus infection by detecting the

2 virus infection in a network, comprising:

3 a request receiving means that receives a request for  
4 making an antivirus attack on a virus source computer; and

5 a computer attack means that makes an antivirus attack  
6 on said virus source computer through the network for  
7 suppressing operation of a virus, based on said request received.

1 18. (amended) A program for making a computer prevent virus  
2 infection, wherein:

3 said program makes said computer realize:

4 a communication information analysis means that detects  
5 intrusion of a virus, and then on detecting virus intrusion, detects  
6 a virus source computer based on communication information  
7 obtained when the virus intrudes;

8 a computer attack means that makes an antivirus attack  
9 on the virus source computer through the network, for  
10 suppressing operation of the virus; and

11 a message sending means that sends a message for  
12 announcing a start of the attack, to the infected computer.

1 19. (deleted)

1 20. (added) A system for preventing virus infection by detecting  
2 the virus infection in a network, comprising:

3 a communication information analysis means that detects  
4 intrusion of a virus, and on detecting virus intrusion, detects a  
5 virus source computer, based on communication information  
6 obtained when the virus intrudes;

7           a computer attack means that makes an antivirus attack  
8   on the virus source computer through the network, for  
9   suppressing operation of the virus; and

10          an alarm sound generation means that generates an alarm  
11   sound in an attacking terminal unit at a start of the attack or  
12   after the start of the attack.

1   21. (added) A system for preventing virus infection by detecting  
2   the virus infection in a network, comprising:

3           a communication information analysis means that detects  
4   intrusion of a virus, and on detecting virus intrusion, detects a  
5   virus source computer, based on communication information  
6   obtained when the virus intrudes;

7           a detection report transmission means that sends a  
8   detection report to an administrator of the virus source computer.